Appendix D - Geographic Information Codes

The following codes are for use in Station Location (SLOC) Requests through the SWQMIS database and are values for fields listed in Chapter 3. If any entity or program submitting a SLOC Request finds that no appropriate code exists for its needs, please contact DM&A at wdma@tceq.texas.gov.

For further reference on data standards, data sources, and other useful links, also consult the TCEQ Geographic Information Systems website: http://www.tceq.state.tx.us/gis/ .

Horizontal Reference

Code	Definition
FAC_CEN	Center of Facility
FAC_NW	Northwest Corner of Facility
FAC_NE	Northeast Corner of Facility
FAC_SW	Southwest Corner of Facility
FAC_SE	Southeast Corner of Facility
FAC_ENTR	Main Entrance of Facility
STRUC_CEN	Center of Structure/Building
STRUC_NW	Northwest Corner of Structure/Building
STRUC_NE	Northeast Corner of Structure/Building
STRUC_SW	Southwest Corner of Structure/Building
STRUC_SE	Southeast Corner of Structure/Building
STRUC_ENTR	Main Entrance of Structure/Building
OTHER	Other

Horizontal Datum

Code	Definition
NAD83	North American Datum of 1983
NAD27	North American Datum of 1927
WGS84	World Geodetic System of 1984
UNKWN	Horizontal Datum Unknown

Horizontal Collection Method

Code	Definition
GPS_DIFF	Global Positioning System (GPS) - Differential Correction
GPS_UNSPECIFIED	Global Positioning System (GPS) - Non-Differentially Corrected
INTERPOLATION-MAP	Map Interpolation - Digital

INTERPOLATION-PHOTO	Photo Interpolation - Digital
CENSUS BLOCK-1900-CENTROID	Census 1990 - Block Centroid
CENSUS-OTHER	Census Other
ADDMAT_INT	Address Matching - Intersection
ADDRESS MATCHING HOUSE NUMBER	Address Matching - House Number
ADDRESS MATCHING-OTHER	Address Matching - Other
ADDMAT_CL	Address Matching - Center Line
INTERPOLATION-SATELLITE	Interpolation Satellite Imagery
INTERPOLATION-SPOT	Interpolation Satellite Imagery - SPOT
UNKNOWN	Method Unknown

Horizontal Accuracy

Code	Definition
DOQQ	1-Meter DOQQ has an accuracy of 5 meters
TOPO	Has an accuracy of 12 meters
GOOGLE MAP	Uses 1-Meter DOQQ's so it has an accuracy of 5 meters
GIS	Uses 1-Meter DOQQ's so it has an accuracy of 5 meters
GPS UNIT	The accuracy level reported by the GPS unit

Elevation Datum

Code	Definition
NGVD_88	North American Vertical Datum of 1988
NGVD_29	North American Vertical Datum of 1929
UNKNOWN	Vertical Datum Unknown

Elevation Method

Code	Definition
DEM_10	Digital Elevation Model - 10 Meter
DEM_30	Digital Elevation Model - 30 Meter
DEM_60	Digital Elevation Model - 60 Meter
DEM_90	Digital Elevation Model - 90 Meter
TOPO	Digital 7.5' United States Geological Survey (USGS) Topographic Map
SURVEY	Ground Survey
GPS_SURV	Global Positioning System (GPS) - Survey Grade Receiver